

**ABSTRACT**

A system and method for generating on-demand voiceprints are presented wherein voiceprints are created on the fly using voice recordings and associated metadata specified by an application. The application requests a voiceprint and specifies a description of the data necessary to generate the voiceprint, including the appropriate voice recordings, the requisite verification engine and other parameters that should be utilized to generate the voiceprint. The specified voice recordings are accessed from storage and a voiceprint is produced using the designated speech engine and application-specified parameters.